



This document includes Appendix A: Adjustment of Cost Estimates to 1999 \$ for CVN 68 Representative Vessel Class, of the Draft EPA Report "Surface Vessel Bilgewater/Oil Water Separator Feasibility Impact Analysis Report" published in 2003. The reference number is: EPA-842-D-06-019

DRAFT Feasibility Impact Analysis Report Surface Vessel Bilgewater/Oil Water Separator

Appendix A: Adjustment of Cost Estimates to 1999 \$ for
CVN 68 Representative Vessel Class

2003

Appendix A – Adjustment of Cost Estimates to 1999 \$

CVN 68 Representative Vessel Class

Cost Estimate Description	Estimate Base-Year	Estimate in Base-Year \$	Price Adjustment Factor¹	Estimate Adjusted to 1999 \$	Estimate (Adj) in Sig.Figs.
Centrifuge Procurement Cost	2000	936,000	.966	904,176	904,000
Centrifuge Installation Cost	2000	261,000	.966	252,126	252,100
Centrifuge Technical Manual Cost	1999	85,000	1.0	85,000	85,000
Centrifuge Technical Drawing Cost	2000	35,000	.966	33,810	33,810
Centrifuge Training Material Cost	2001	10,000	.933	9,330	9,330
Hydrocyclone Procurement Cost	2000	64,000	.966	61,824	61,824
Hydrocyclone Installation Cost	2000	153,400	.966	148,184.4	148,200
Hydrocyclone Technical Manual Cost	1999	85,000	1.0	85,000	85,000
Hydrocyclone Technical Drawing Cost	2000	29,000	.966	28,014	28,010
Hydrocyclone Training Material Cost	2001	10,000	.933	9,330	9,330
Filter Media Procurement Cost	1997	75,000	1.045	78,375	78,000
Filter Media Installation Cost	2000	121,000	.966	116,886	116,900
Filter Media Technical Manual Cost	1999	85,000	1.0	85,000	85,000
Filter Media Technical Drawing Cost	2000	17,000	.966	16,422	16,420

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Cost Estimate Description	Estimate Base-Year	Estimate in Base-Year \$	Price Adjustment Factor¹	Estimate Adjusted to 1999 \$	Estimate (Adj) in Sig.Figs.
Filter Media Training Material Cost	2001	10,000	.933	9,330	9,330
UF Membrane Procurement Cost	1999	600,000	1.0	600,000	600,000
UF Membrane Installation Cost	2000	366,000	.966	353,556	354,600
UF Membrane Technical Manual Cost	1999	85,000	1.0	85,000	85,000
UF Membrane Technical Drawing Cost	2000	40,000	.966	38,640	38,640
UF Membrane Training Material Cost	2001	10,000	.933	9,330	9,330

1. Consumer Price Index - All Urban Consumers, not seasonally adjusted, U.S. city average, all items. Data extracted on May 23, 2001 from Bureau of Labor Statistics <<http://stats.bls.gov/cpihome.html>>.